#### PHYSICAL COLLOCATION Verizon - New Jersey FCC - 1

	<b>A</b>	<u>B</u>	<u>c</u>	D	E	E
	ITEM	SOURCE	LAND	BLDG	CKT EQPT.	TOTAL INVEST
1	TOTAL UNIT INVESTMENT	WP 4.0, PG 2 LINE 10	\$6.78	\$108.00	\$640.09	\$754.87
2	DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.00	\$2.34	\$36.42	\$38.76
3	COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	\$0.77	\$9.00	\$33.60	<b>\$</b> 43.37
4	INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.40	\$4.67	\$17.41	\$22.47
5	MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	\$0.17	\$2.79	\$38.47	\$41.43
6	ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.29	\$4.67	\$27.65	\$32.61
7	OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.08	<u>\$1.34</u>	<u>\$7.94</u>	<u>\$9.36</u>
8	ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$1.72	\$24.80	\$161.49	\$188.01
9	WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0, PG 1, LINE 26F	\$0.50	\$7.24	<b>\$</b> 47.15	\$54.89

#### PHYSICAL COLLOCATION Verizon - New Jersey FCC NO. 1

	<u>A</u>	Ð	Ē	<u> </u>	E	£
LINE NO.	ITEM	SOURCE	METRO	URBAN	SUBURBAN	RURAL
	Microprocessor Plant (BUSS BAR)					
1	AMP	Engineering	5,000	2,600	2,600	600
2	Material	Engineering	\$27,154	\$23,879	\$23,879	\$18,349
3 4	Unit Investment Per AMP Statewide Weighting	(L2 / L1) WP 8.0, Col F, Lns 27-30	\$5.43 0.2770	\$9.18 0.5763	\$9.18 0.1329	\$30.58 0.0138
5	Statewide Unit Investment Per AMP	\$8.44	\$1.50	\$5.29	\$1.22	\$0.42
•			• • • • • • • • • • • • • • • • • • • •	-		
_	Rectifiers		_	_	_	_
6	Quantity	Engineering	6	6	6	7
7	AMPS per unit Tot AMPS	Engineering	400	200 1,200	200 1,200	50 350
8 9	Utilization	( L6 * L7) (L6-1) / L6)	2,400 83,33%	83.33%	83.33%	-85.71%
10	Material	Engineering	\$55,502	\$42,046	\$42,046	\$15,900
11	Total Investment	(L10 / L9)	\$66,602	\$50,455	\$50,455	\$18,550
12	Unit Investment Per AMP	(L11 / L8)	\$27.75	\$42.05	\$42.05	\$53.00
13	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.2770	0.5763	0.1329	0.0138
14	Statewide Unit Investment Per AMP	\$38.24	\$7 69	\$24.23	\$5.59	\$0.73
	<u>Batteries</u>					
15	Strings	Engineering	3	3	3	2
16	AMPs per String	Engineering	688	310	310	310
17	Tot. AMPS	(L15 * L16)	2.064	930	930	620
18	Total investment	Engineering	\$80,952	\$34,965	\$34,965	\$23,310
19 20	Unit Investment Per AMP	(L18 / L17)	\$39.22 0.2770	\$37 60 0 5763	\$37.60 0.1329	\$37.60 0.0138
21	Statewide Weighting Statewide Unit Investment Per AMP	WP 8.0, Col F, Lns 27-30 \$38.05	\$10.86	\$21.67	\$5.00	\$0.52
21	Statewide Office investment Per Purif	\$00.00	\$10.00	<b>42</b> 1.07	\$0.00	<b>\$</b> 0.52
	Automatic Breaker					
22	AMP per Breaker	Engineering	1,600	1,200	800	400
23	Total Investment	Engineering	\$50,000	\$40,000	\$35,000	\$20,000
24	Unit Investment Per AMP	(L23 / L22)	\$31 25	\$33.33	\$43.75 0.4330	\$50.00
25	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0 2770	0.5763	0.1329	0.0138
26	Statewide Unit Investment Per AMP	\$34.37	\$8.66	\$19.21	\$5.81	\$0.69
	Power Distribution Service Cabinet					
27	Amps	Engineering	1,600	800	400	400
28	Material	Engineering	<b>\$</b> 13,976	\$7,788	\$5,677	\$3,467
29	Unit Investment Per AMP	(L28 / L27)	\$8 74	\$9.74	\$14.19	\$8.67
30	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.2770	0.5763	0.1329	0.0138
31	Statewide Unit Investment Per AMP	\$10.04	<b>\$</b> 2 42	\$5.61	\$1.89	\$0.12
	Emergency engine/turbine (auto start)					
32	AMP Capacity	Engineering	2,605	1,736	1,111	434
33	Utilization	Engineering	70%	70%	70%	70%
34	Utilized AMPS	(L32 ° L33)	1,824	1,215	778	304
35 36	Emerg Engine Invest Conduit/Emer Lights	Engineering Engineering	\$130,765 \$45,629	\$78,249 \$30,487	\$53,871 \$23,332	\$41,874 \$11,810
36 37	Total Investment	(L35 + L36)	\$176,394	\$108,736	\$77,203	\$53,684
. 38	Unit Investment Per AMP	(L37 / L34)	\$96.73	\$89.48	\$99.27	\$176.71
39	Statewide Weighting	WP 8.0, Col F. Lns 27-30	0 2770	0 5763	0 1329	0.0138
40	Statewide Unit Investment Per AMP	\$93.99	\$26 80	\$51 57	\$13.19	\$2 44
	Battery Distribution Fuse Bay					
41	AMP Capacity	Engineering	800	800	800	800
42	Material	Engineering	\$5 355	\$5 355	\$5.355	\$5.355
43	Unit Investment Per AMP	(L42 / L41)	\$6 <b>6</b> 9	<b>\$</b> 6 69	\$6.69	\$6.69
44	Statewide Weighting	WP 8.0. Col F, Lns 27-30	0 2770	0 5763	0 1329	0 0138
<b>4</b> 5	Statewide Unit Investment Per AMP	\$6.69	<b>\$</b> 1 85	\$3 86	\$0.89	\$0.09
	Total Unit Investment - (Less than or					
46	Equal to 60 AMP's) - Sum Lines	\$229 82				
-	(5C+14C+21C+26C+31C+40C+45C)	₩223 UZ				
	(== 7.0.210.200.010.400.400)					

#### PHYSICAL COLLOCATION Verizon - New Jersey FCC - 1

	<u>A</u>	B	<u>c</u>	<u>D</u>	Ē	<u>F</u>
	ITEM	SOURCE	LAND	BLDG	SWITCH EQPT.	TOTAL INVEST
1	TOTAL POWER PLANT UNIT INVESTMENT	WP 4.0, PG 3, LINE 10	•	-	\$230.85	\$230.85
2	EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24F	-		2.7852	2.7852
3	INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	•	\$642.97	\$642.97
4	UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5	TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	•	\$642.97	\$642.97
6	LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22F	0.0106		-	0.0106
7	BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23F	-	0.1687	-	0.1687
8	LAND INVESTMENT	LINE 5E x LINE 6C	\$6.81		•	\$6.81
9	BUILDING INVESTMENT	LINE 5E x LINE 7D	-	\$108.49	-	\$108.49
10	TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	\$6.81	\$108.49	\$642.97	\$758.26
11	WEIGHTED UNIT INVESTMENT	INE 10 x WP 8.0, PG 1, LINE 26F	\$1.99	\$31.67	\$187.72	\$221.38

#### PHYSICAL COLLOCATION Verizon - New Jersey FCC - 1

	<u>A</u>	<u>B</u>	<u>c</u>	Ď	<u>E</u>	E
	<u>ITEM</u>	SOURCE	LAND	BLDG	CKT EQPT.	TOTAL INVEST
1	TOTAL UNIT INVESTMENT	WP 4.0, PG 2 LINE 10	<b>\$</b> 6.81	\$108.49	\$642.97	\$758.26
2	DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.00	\$2.35	\$36.58	\$38.94
3	COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	\$0.77	\$9.04	\$33.76	\$43.56
4	INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.40	\$4.69	\$17.49	\$22.58
5	MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	\$0.18	\$2.80	\$38.64	\$41.62
6	ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.29	\$4.69	\$27.78	<b>\$</b> 32.76
7	OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.08	<u>\$1.35</u>	<b>\$</b> 7.97	<b>\$</b> 9.40
8	ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$1.72	\$24.91	\$162.22	\$188.85
9	WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0, PG 1, LINE 26F	\$0.50	\$7.27	\$47.36	\$55.14

#### PHYSICAL COLLOCATION Verizon - New Jersey FCC NO. 1

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	<u> </u>	<u> </u>	Ç	ō	£	E
LINE NO.	ITEM	SOURCE	METRO	URBAN	SUBURBAN	RURAL
	Microprocessor Plant (BUSS BAR)					
1	AMP	Engineering	5,000	2,600	2,600	600
2	Material	Engineering	\$27,154	\$23,879	\$23,879	\$18,349
3	Unit Investment Per AMP	(L2 / L1)	\$5 43	\$9.18	\$9.18	\$30.58
4	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.2770	0.5763	0.1329	0.0138
5	Statewide Unit Investment Per AMP	\$8.44	\$1.50	\$5.29	\$1.22	\$0.42
	<b>D</b> = 200 = 10					
_	Rectifiers	<b>.</b>	_	_	_	_
6	Quantity	Engineering	6	6	6	7
7	AMPS per unit	Engineering	400	200	200	50
8 9	Tot. AMPS	( L6 * L7)	2,400	1,200	1,200 83,33%	350
10	Utilization Material	(L6-1) / L6) Engineering	83.33% \$55.502	83 33%		85.71% \$15.900
11	матела: Total :nvestment		\$55,502 \$66,602	\$42,046 \$50,455	\$42,046	\$18,550
12	Unit investment Per AMP	(L10 / L9) (L11 / L8)	\$27.75	\$42.05	\$50,455 \$42.05	\$18,330 \$53.00
13	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.2770	0.5763	0.1329	0.0138
14	Statewide Unit Investment Per AMP	\$38.24	\$7.69	\$24.23	\$5.59	\$0.73
	Batteries					
15	Strings	Engineering	3	3	3	2
16	AMPs per String	Engineering	688	310	310	310
17	Tot. AMPS	(L15 * L16)	2,064	930	930	620
18	Total Investment	Engineering	\$80,952	\$34,965	\$34,965	\$23,310
19	Unit Investment Per AMP	(L18 / L17)	\$39.22	\$37.60	\$37.60	\$37.60
20	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.2770	0.5763	0.1329	0.0138
21	Statewide Unit Investment Per AMP	\$38.05	\$10.86	\$21.67	\$5.00	\$0.52
	Automatic Breaker					
22	AMP per Breaker	Engineering	1,600	1,200	800	400
23	Total Investment	Engineering	\$50,000	\$40,000	\$35,000	\$20,000
24	Unit Investment Per AMP	(L23 / L22)	\$31.25	\$33.33	\$43.75	\$50.00
25	Statewide Weighting	WP 8 0, Col F, Lns 27-30	0.2770	0.5763	0.1329	0.0138
26	Statewide Unit Investment Per AMP	\$34.37	\$8.66	\$19.21	\$5.81	\$0.69-
20	Statewide Offic Processing R Fell Amp	404.07	30.00	915.21	95.01	<b>\$</b> 0.05*
	Power Distribution Service Cabinet					
27	Amps	Engineering	1,600	800	400	400
28	Material	Engineering	\$13,976	\$7,788	\$5,677	\$3,467
29	Unit Investment Per AMP	(L28 / L27)	\$8 74	\$9.74	\$14.19	\$8.67
30	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.2770	0.5763	0.1329	0.0138
31	Statewide Unit Investment Per AMP	\$10.04	\$2 42	\$5.61	\$1.89	\$0.12
	Emergency engine/turbine (auto start)					
32	AMP Capacity	Engineering	2,605	1,736	1,111	434
33	Utilization	Engineering	70%	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	1,824	1,215	778	304
35	Emerg. Engine Invest.	Engineering	\$130,765	\$78,249	\$53,871	\$41,874
36	Conduit/Emer Lights	Engineering	\$45,629	\$30 487	\$23,332	\$11,810
37	Total Investment	(L35 + L36)	\$176,394	\$108,736	\$77,203	\$53,684
38	Unit Investment Per AMP	(L37 / L34)	\$96 73	\$89.48	\$99.27	\$176.71
39	Statewide Weighting	WP 8.0. Col F, Lns 27-30	0 2770	0 5763	0.1329	0.0138
40	Statewide Unit Investment Per AMP	\$93.99	\$26.80	\$51 57	\$13.19	\$2.44
	Power Plant Distribution Bay					
41	AMP Capacity	Engineering	2 600	1,200	1,200	300
42	Matenai	Engineering	\$12 747	\$10,388	\$10 388	\$4,993
43	Unit Investment Per AMP	(L42 / L41)	\$4 90	\$8 66	\$8.66	\$16.64
44	Statewide Weighting	WP 8 0. Col F, Lns 27-30	0 2770	0 5763	0.1329	0.0138
45	Statewide Unit Investment Per AMP	\$7.73	\$1.36	\$4.99	\$1.15	\$0.23
5	S. S		#1.30	<b></b> .33	<b>91.13</b>	<b>#</b> 0.23
	Total Unit Investment (Creater than 60)					
	Total Unit Investment - (Greater than 60					
46	AMPs) -Sum Lines	\$230.85				
	(5C+14C+21C+26C+31C+40C + 45C)					
	"					

#### PHYSICAL COLLOCATION Bell Atlantic - Pennsylvania FCC - 1

	A	<u>B</u> <u>C</u> <u>D</u>		₽	Ē	E
	ITEM	SOURCE	LAND	BLDG	SWITCH EQPT.	TOTAL INVEST
1	TOTAL POWER PLANT UNIT INVESTMENT	WP 5.0, PG 3, LINE 10	-	•	\$236.49	\$236.49
2	EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24G	-	-	2.7852	2.7852
3	INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	\$658.67	\$658.67
4	UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5	TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	•	\$658.67	\$658.67
6	LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22G	0.0081	•	٠.	0.0081
7	BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23G	-	0.1757	-	0.1757
8	LAND INVESTMENT	LINE 5E × LINE 6C	\$5.31		-	\$5.31
9	BUILDING INVESTMENT	LINE 5E × LINE 7D	-	<b>\$</b> 115.73	-	<b>\$</b> 115.73
10	TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	\$5.31	<b>\$</b> 115.73	\$658.67	\$779.71
11	WEIGHTED UNIT INVESTMENT	INE 10 x WP 8.0, PG 1. LINE 26G	\$1.54	\$33.58	\$191.14	\$226.26

#### PHYSICAL COLLOCATION Verizon - Pennsylvania FCC - 1

	<u>A</u>	<u>B</u>	<u>c</u>	D	Ē	E
	ITEM	SOURCE	LAND	BLDG	CKT EQPT.	TOTAL INVEST
1	TOTAL UNIT INVESTMENT	WP 5.0, PG 2 LINE 10	\$5.31	<b>\$</b> 115.73	\$658.67	\$779.71
2	DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.00	\$2.37	\$41.36	\$43.74
3	COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	\$0.60	\$9.68	\$33.86	<b>\$44</b> .13
4	INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.32	<b>\$</b> 5.15	\$18.05	\$23.52
5	MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	\$0.15	\$3.29	\$37.74	\$41.18
6	ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.21	\$4.62	\$26.28	\$31.11
7	OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.25	<b>\$</b> 5.45	<b>\$</b> 1.32	\$7.02
8	ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$1.53	\$30.55	\$158.61	\$190.69
9	WEIGHTED UNIT INVESTMENT	LINE 8 x WP 6.0, PG 1, LINE 26G	\$0.44	\$8.87	\$46.03	\$55.34

### PHYSICAL COLLOCATION Verizon - Pennsylvania FCC NO. 1

	DCFOWER	- LESS THAN OR EQUAL	10 60 AMIT	<u> </u>		
	<b>A</b>	<u>B</u>	<u>c</u>	₽	E	E
LINE NO.	ITEM	SOURCE	METRO	URBAN	SUBURBAN	RURAL
	Microprocessor Plant (BUSS BAR)					
1	AMP	Engineering	5,000	2,600	2,600	600
2	Material	Engineering	\$27,154	\$23,879	\$23,879	\$18,349
3	Unit Investment Per AMP	(L2/L1)	\$5.43	\$9.18	\$9.18	\$30.58
4	Statewide Weighting	WP 8.0, Col G, Lns 27-30	0.1703	0.5951	0.1919	0.0427
5	Statewide Unit Investment Per AMP	\$9.46	\$0.92	\$5.47	\$1.76	\$1.31
	Rectifiers					
6	Quantity	Engineering	6	6	6	7
7	AMPS per unit	Engineering	400	200	200	50
8 9	Tot. AMPS	(L6 * L7)	2,400	1,200	1,200	350
10	Utilization Material	(L6-1) / L6) Engineering	83.33% \$55,502	83 33% \$42,046	83.33% \$42,046	85.71% \$15,900
11	Total Investment	(L10 / L9)	\$66,602	\$50.455	\$50,455	\$18,550
12	Unit Investment Per AMP	(L11 / L8)	\$27.75	\$42.05	\$42.05	\$53.00
13	Statewide Weighting	WP 8.0, Col G, Lns 27-30	0.1703	0.5951	0.1919	0.0427
14	Statewide Unit Investment Per AMP	\$40.08	\$4.73	\$25.02	\$8.07	\$2.26
	Patterine					
15	<u>Batteries</u> Strings	Engineering	3	3	3	2
16	AMPs per String	Engineering	688	310	310	310
17	Tot. AMPS	(L15 * L16)	2,064	930	930	620
18	Total investment	Engineering	\$80,952	\$34,965	\$34,965	\$23,310
19	Unit Investment Per AMP	(L18 / L17)	\$39.22	\$37 60	\$37.60	\$37.60
20	Statewide Weighting	WP 8.0, Col G, Lns 27-30	0.1703	0 5951	0.1919	0.0427
21	Statewide Unit Investment Per AMP	\$37.87	\$6.68	\$22.37	\$7.21	\$1.61
	Automatic Breaker			,		
22	AMP per Breaker	Engineering	1,600	1,200	800	400
23	Total Investment	Engineering	\$50,000	\$40,000	\$35,000	\$20,000
24	Unit Investment Per AMP	(L23 / L22)	\$31.25	\$33 33	\$43.75	\$50.00
25	Statewide Weighting	WP 8.0, Col G, Lns 27-30	0.1703	0.5951	0.1919	0.0427
26	Statewide Unit Investment Per AMP	\$35.69	\$5.32	\$19 84	\$8.40	\$2.14
	Power Distribution Service Cabinet					
27	Amps	Engineering	1,600	800	400	400
28	Material	Engineering	\$13,976	\$7,788	\$5,677	\$3,467
29	Unit Investment Per AMP	(L28 / L27)	\$8.74	\$9.74	\$14.19	\$8.67
30	Statewide Weighting	WP 8.0, Col G, Lns 27-30	0.1703	0 5951	<u>0.1919</u>	0.0427
31	Statewide Unit Investment Per AMP	\$10.37	<b>\$</b> 1 49	<b>\$</b> 5 79	\$2.72	\$0.37
	Emergency engine/turbine (auto start)					
32	AMP Capacity	Engineering	2,605	1,736	1,111	434
33	Utilization	Engineering	70%	70%	70%	70%
34	Utilized AMPS	(L32 ° L33)	1,824	1.215	778	304
35	Emerg. Engine Invest	Engineering	\$130,765	\$78 249	\$53,871	\$41.874
36 37	Conduit/Emer Lights	Engineering	\$45,629 \$470,004	\$30.487	\$23,332	\$11,810
38	Total Investment Unit Investment Per AMP	(L35 + L36) (L37 / L34)	\$176,394 \$96.73	\$108,736 \$89.48	\$77,203 \$99.27	\$53.684 \$176.71
39	Statewide Weighting	WP 8.0. Col G, Lns 27-30	0 1703	0 5951	0.1919	0.0427
40	Statewide Unit Investment Per AMP	\$96.32	\$16.47	\$53 25	\$19.05	\$7 55
	Battery Distribution Fuse Bay	-				
41	AMP Capacity	Engineering	800	800	800	800
42 43	Material	Engineering	\$5,355 \$6.60	\$5 355 \$6.60	\$5,355	\$5,355 #6.60
43 44	Unit Investment Per AMP Statewide Weighting	(L42 / L41) Sepuse Costs	\$6 69 0.1703	\$6.69	\$6.69	\$6 69
45	Statewide Vyeighting Statewide Unit Investment Per AMP	Service Costs \$6.69	0 1703 \$1 14	0 5951 \$3 98	0.1919 \$1.28	0 0427 \$0.29
		40.00	W1 144	A2 20	J: 20	\$0.29
40	Total Unit Investment - (Less than or					
46	Equal to 60 AMP's) - Sum Lines	\$236.49				
	(5C+14C+21C+26C+31C+40C+45C)					

#### PHYSICAL COLLOCATION Verizon - Pennsylvania FCC - 1

	A	<u>B</u>	<u>c</u>	₫	Ē	E
	ITEM	SOURCE	LAND	BLDG	SWITCH EQPT.	TOTAL INVEST
1	TOTAL POWER PLANT UNIT INVESTMENT	WP 5.1, PG 3, LINE 10	-	-	\$238.15	\$238.15
2	EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24G	-	-	2.7852	2.7852
3	INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	\$663.30	\$663.30
4	UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5	TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	<b>\$663</b> .30	\$663.30
6	LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22G	0.0081	•	-	0.0081
7	BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23G	-	0.1757	-	0.1757
8	LAND INVESTMENT	LINE 5E × LINE 6C	\$5.34		-	\$5.34
9	BUILDING INVESTMENT	LINE 5E × LINE 7D	-	\$116.55	-	\$116.55
10	TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	\$5.34	\$116.55	\$663.30	<b>\$78</b> 5.19
11	WEIGHTED UNIT INVESTMENT	INE 10 x WP 8.0, PG 1, LINE 26G	\$1.55	\$33.82	\$192.48	\$227.86

#### PHYSICAL COLLOCATION Verizon - Pennsylvania FCC - 1

	A	<u>B</u>	<u>c</u>	₫	<u>E</u>	<u>F</u>
	ITEM	SOURCE	LAND	BLDG	CKT EQPT.	TOTAL INVEST
1	TOTAL UNIT INVESTMENT	WP 5.1, PG 2 LINE 10	\$5.34	\$116.55	<b>\$663</b> .30	\$785.19
2	DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.00	\$2.39	\$41.66	<b>\$44</b> .04
3	COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	\$0.60	\$9.74	\$34.09	\$44.44
4	INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.32	<b>\$</b> 5.19	\$18.17	\$23.68
5	MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	\$0.15	\$3.31	\$38.01	\$41.47
6	ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.21	\$4.65	\$26.47	\$31.33
7	OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	<u>\$0.25</u>	<b>\$</b> 5.49	<b>\$</b> 1.33	<b>\$</b> 7.07
8	ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$1.54	\$30.77	\$159.72	\$192.03
9	WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0, PG 1, LINE 26G	\$0.45	\$8.93	\$46.35	\$55.73

#### PHYSICAL COLLOCATION Verizon - Pennsylvania FCC NO. 1

#### DC POWER - GREATER THAN 60 AMPS

	A	В	<u>c</u>	Q	E	£
LINE NO.	ITEM	SOURCE	METRO	URBAN	SUBURBAN	RURAL
	Microprocessor Plant (BUSS BAR)					
1	AMP	Engineering	5.000	2.600	2.600	600
2	Material	Engineering	\$27,154	\$23,879	\$23,879	\$18,349
3	Unit Investment Per AMP	(L2 / L1)	\$5.43	\$9.18	\$9.18	\$30.58
4	Statewide Weighting	WP 8.0. Col G, Lns 27-30	0.1703	0.5951	0.1919	0.0427
5	Statewide Unit Investment Per AMP	\$9.46	\$0.92	\$5.47	\$1.76	\$1.31
	Rectifiers					
6	Quantity	Engineering	6	6	6	7
7	AMPS per unit	Engineering	400	200	200	50
8	Tot. AMPS	( L6 * L7)	2,400	1,200	1,200	350
9	Utilization	(L6-1) / L6)	83 33%	83.33%	83.33%	85.71%
10	Material	Engineering	\$55,502	\$42,046	<b>\$</b> 42, <b>04</b> 6	\$15,900
11	Total Investment	(L10 / L9)	\$66,602	\$50,455	\$50,455	\$18,550
12	Unit Investment Per AMP	(L11 / L8)	\$27.75	\$42.05	\$42.05	\$53.00
13	Statewide Weighting	WP 8.0, Col G, Lns 27-30	0.1703	0 5951	0:1919	0.0427
14	Statewide Unit Investment Per AMP	<b>\$4</b> 0.08	\$4.73	\$25.02	\$8.07	\$2.26
	<u>Batteries</u>					
15	Strings	Engineering	3	3	3	2
16	AMPs per String	Engineering	688	310	310	310
17	Tot. AMPS	(£15 ° L16)	2,064	930	930	620
18	Total Investment	Engineering	\$80,952	\$34,965	\$34,965	\$23,310
19	Unit Investment Per AMP	(L18 / L17)	\$39.22	\$37 60	\$37.60	\$37.60
20	Statewide Weighting	WP 8.0, Col G, Lns 27-30	<u>D 1703</u>	0.5951	0.1919	0.0427
21	Statewide Unit Investment Per AMP	\$37.87	\$6.68	\$22 37	\$7.21	\$1.61
	Automatic Breaker					
22	AMP per Breaker	Engineering	1.600	1,200	800	400
23	Total Investment	Engineering	\$50,000	\$40,000	\$35,000	\$20,000
24	Unit Investment Per AMP	(L23 / L22)	\$31.25	\$33.33	<b>\$</b> 43.75	\$50.00
25	Statewide Weighting	WP 8.0, Col G, Lns 27-30	0.1703	0.5951	0.1919	0.0427
26	Statewide Unit Investment Per AMP	\$35.69	<b>\$</b> 5 32	<b>\$</b> 19 84	\$8.40	\$2.14
	Power Distribution Service Cabinet					
27	Amps	Engineering	1,600	800	400	400
28	Material	Engineering	\$13,976	\$7,788	<b>\$</b> 5,677	<b>\$</b> 3,467
29	Unit Investment Per AMP	(L28 / L27)	\$8.74	\$9 74	\$14 19	<b>\$8</b> .67
30	Statewide Weighting	WP 8.0, Col G, Lns 27-30	0 1703	0 5951	0.1919	0.0427
31	Statewide Unit Investment Per AMP	\$10.37	\$1 49	\$5.79	\$2.72	\$0.37
	Emergency engine/turbine (auto start)					
32	AMP Capacity	Engineering	2.605	1,736	1,111	434
33	Utilization	Engineering	70%	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	1.824	1.215	778	304
35	Emerg. Engine Invest	Engineering	\$130,765	\$78.249	\$53,871	\$41,874
36	Conduit/Emer Lights	Engineering	<b>\$</b> 45.629	\$30 487	\$23,332	\$11,810
37	Total Investment	(L35 + L36)	\$176 394	\$108,736	\$77,203	\$53,684
38	Unit Investment Per AMP	(L37 / L34)	<b>\$96</b> 73	\$89 48	\$99.27	\$176 71
39	Statewide Weighting	WP 8.0, Col G Lns 27-30	0 1703	0 5951	0.1919	0.0427
40	Statewide Unit Investment Per AMP	\$96.32	<b>\$</b> 16 47	\$53 25	\$19.05	\$7.55
	Power Plant Distribution Bay					
41	AMP Capacity	Engineering	2 500	1 200	1,200	300
42	Material	Engineering	\$12,747	\$10,388	\$10,388	\$4.993
43	Unit Investment Per AMP	(L42 / L41)	\$4.90	\$8 66	\$8.66	\$16.64
44	Statewide Weighting	WP 8.0, Col G, Lns 27-30	0 1703	0 5951	0.1919	0 0427
45	Statewide Unit Investment Per AMP	\$8.36	\$0.83	\$5.15	\$1.66	\$0.71
			<b>#</b> 0.03	<b>3</b> 3.13	₩1.00	<b>₽</b> 0.71

Total Unit Investment - (Greater than 60

AMPs) -Sum Lines (5C+14C+21C+26C+31C+40C + 45C)

\$238.15

#### PHYSICAL COLLOCATION Verizon - Virginia FCC - 1

	A	В	<u>c</u>	D	E	<u>E</u>	
	<u>(TEM</u>	SOURCE	LAND	BLDG	SWITCH EQPT.	TOTAL INVEST	
1	TOTAL POWER PLANT UNIT INVESTMENT	WP 6.0, PG 3, LINE 10	-	-	\$236.39	\$236.39	
2	EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24H	-	-	2.7852	2.7852	
3	INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	•	\$658.41	\$658.41	
4	UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000	
5	TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	\$658.41	\$658.41	
6	LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22H	0.0071	-	-	0.0071	
7	BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23H	-	0.1282	-	0.1282	
8	LAND INVESTMENT	LINE 5E x LINE 6C	\$4.69		-	\$4.69	
9	BUILDING INVESTMENT	LINE 5E x LINE 7D	-	\$84.39	•	\$84.39	
10	TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	<b>\$</b> 4.69	\$84.39	\$658.41	\$747.48	
11	WEIGHTED UNIT INVESTMENT	INE 10 x WP 8.0, PG 1, LINE 26H	\$0.73	\$13.12	\$102.38	\$116.23	

#### PHYSICAL COLLOCATION Verizon - Virginia FCC - 1

	Ā	A B C		₽	<u>E</u>	E	
	ITEM	SOURCE	LAND	BLDG	CKT EQPT.	TOTAL INVEST	
1	TOTAL UNIT INVESTMENT	WP 6.0, PG 2 LINE 10	\$4.69	\$84.39	\$658.41	\$747.48	
2	DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.00	\$1.84	\$37.33	\$39.17	
3	COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	\$0.53	\$7.04	\$35.09	\$42.66	
4	INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.25	\$3.37	\$16.79	\$20.41	
5	MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	\$0.16	\$2.90	\$35.29	\$38.35	
6	ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.18	\$3.28	\$25.61	\$29.08	
7	OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.04	\$0.68	\$5.33	<b>\$</b> 6.05	
8	ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$1.16	\$19.11	\$155.45	\$175.73	
9	WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0, PG 1, LINE 26H	\$0.18	\$2.97	\$24.17	\$27.32	

#### PHYSICAL COLLOCATION Verizon - Virginia FCC NO. 1

	<u> </u>	В	<u> </u>		Ē	E
LINE NO.	ITEM	SOURCE	METRO	URBAN		
Line NO.	<del></del>	SOURCE	METRO	UKBAR	SUBURBAN	RURAL
1	Microprocessor Plant (BUSS BAR)  AMP	Engineering	5,000	2,600	2,600	600
2	Material	Engineering	\$27,154	\$23,879	\$23.879	\$18,349
3	Unit Investment Per AMP	(L2 / L1)	\$5.43	\$9.18	\$9.18	\$30.58
4	Statewide Weighting	WP 8.0. Col H, Lns 27-30	0.1472	0.5137	0.3228	0.0162
5	Statewide Unit Investment Per AMP	\$8.98	\$0.80	\$4.72	\$2.96	\$0.50
		<u> </u>				
_	Rectifiers		_		_	_
6 7	Quantity AMPS per unit	Engineering Engineering	6 400	6 200	6 200	7 50
8	Tot, AMPS	(L6 * L7)	2.400	1,200	1,200	350
9	Utilization	(L6-1) / L6)	83.33%	83.33%	83.33%	85.71%
10	Material	Engineering	\$55,502	\$42,046	\$42,046	\$15,900
11	Total Investment	(L10/L9)	\$66,602	\$50,455	\$50,455	\$18,550
12	Unit Investment Per AMP	(L11 / L8)	\$27.75	\$42.05	\$42.05	\$53.00
13	Statewide Weighting	WP 8.0, Col H, Lns 27-30	0.1472	0.5137	0.3228	0.0162
14	Statewide Unit Investment Per AMP	\$40.12	\$4.08	\$21.60	\$13.57	\$0.86
	Batteries					
15	Strings	Engineering	3	3	3	2
16	AMPs per String	Engineering	688	310	310	310
17	Tot. AMPS	(L15 * L16)	2,064	930	930	620
18	Total Investment	Engineering	\$80,952	\$34,965	\$34.965	\$23,310
19	Unit Investment Per AMP	(L18 / L17)	\$39.22	\$37.60	\$37.60	\$37.60
20	Statewide Weighting	WP 8.0, Col H, Lns 27-30	0.1472	0.5137	0.3228	0.0162
21	Statewide Unit Investment Per AMP	\$37.83	<b>\$</b> 5 77	\$19.31	\$12 14	\$0.61
	Automatic Breaker					
22	AMP per Breaker	Engineering	1,600	1,200	800	400
23	Total Investment	Engineering	\$50,000	\$40,000	\$35,000	\$20,000
24	Unit Investment Per AMP	(L23 / L22)	\$31.25	\$33.33	\$43.75	\$50.00
25	Statewide Weighting	WP 8.0, Col H. Lns 27-30	0.1472	0.5137	0.3228	0.0162
26	Statewide Unit Investment Per AMP	\$36.66	\$4.60	\$17.12	\$14.12	\$0.81
	Power Distribution Service Cabinet					
27	Amps	Engineering	1,600	800	400	400
28	Material	Engineering	\$13,976	\$7,788	\$5,677	\$3,467
29	Unit Investment Per AMP	(L28 / L27)	\$8 74	\$9.74	\$14 19	\$8.67
30	Statewide Weighting	WP 8.0, Col H, Lns 27-30	0.1472	0.5137	0 3228	0.0162
31	Statewide Unit Investment Per AMP	\$11.01	\$1.29	\$5.00	\$4.58	\$0.14
	Emergency engine/turbine (auto start)					
32	AMP Capacity	Engineering	2.605	1.736	1.111	434
33	Utilization	Engineering	70%	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	1,824	1,215	778	304
35	Emerg Engine Invest.	Engineering	\$130,765	\$78,249	\$53,871	\$41,874
36	Conduit/Emer Lights	Engineering	\$45,629	\$30.487	\$23,332	\$11,810
37	Total Investment	(L35 + L36)	\$176,394	\$108.736	\$77.203	\$53,684
38 39	Unit Investment Per AMP	(L37 / L34)	\$96.73	\$89.48	\$99.27	\$176.71
40	Statewide Weighting Statewide Unit Investment Per AMP	WP 8 0, Col H. Lns 27-30 \$95.11	0 1472 \$14 24	<u>0 5137</u> <b>\$</b> 45 97	0 3228 \$32 04	0.0162 \$2 86
40	Statewide Offic Investment Fell AMP	\$50.71	314 24	345 97	\$32.04	<b>\$2 00</b>
	<b>Battery Distribution Fuse Bay</b>					
41	AMP Capacity	Engineering	800	800	800	800
42	Material	Engineering	\$5,355	\$5.355	\$5 355	\$5,355
43 44	Unit Investment Per AMP	(L42 / L41)	\$6 69	\$6.69	\$6.69	\$6 69
45	Statewide Weighting Statewide Unit Investment Per AMP	WP 8.0. Col H, Lns 27-30 \$6.69	0 1472	0.5137	0 3228	0.0162
70	Statewide Office investment if et AMP	20.09	\$0 99	\$3 44	\$2 16	\$0.11
	Total Unit Investment - (Less than or					
46	Equal to 60 AMP's) - Sum Lines	\$236.39				
	(5C+14C+21C+26C+31C+40C+45C)					

# PHYSICAL COLLOCATION Verizon - Virginia FCC - 1

	<u>A</u>	<u>B</u>	<u>c</u>	D	E	<u> </u>
	ITEM	SOURCE	LAND	BLDG	SWITCH EQPT.	TOTAL INVEST
1	TOTAL POWER PLANT UNIT INVESTMENT	WP 6.1, PG 3, LINE 10	-	-	\$237.93	\$237.93
2	EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24H	•		2.7852	2.7852
3	INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	•	-	<b>\$662.69</b>	\$662.69
4	UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5	TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	<b>\$</b> 662.69	\$662.69
6	LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22H	0.0071	-	-	0.0071
7	BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23H	•	0.1282	-	0.1282
8	LAND INVESTMENT	LINE 5E x LINE 6C	\$4.72		-	\$4.72
9	BUILDING INVESTMENT	LINE 5E x LINE 7D	-	\$84.94	-	\$84.94
10	TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	\$4.72	\$84.94	\$662.69	\$752.35
11	WEIGHTED UNIT INVESTMENT	INE 10 x WP 8.0. PG 1, LINE 26G	\$0.73	\$13.21	<b>\$</b> 103.04	\$116.98

# PHYSICAL COLLOCATION Verizon - Virginia FCC - 1

	A	<u>A</u> <u>B</u> <u>C</u>		₫	<u>E</u>	<u>F</u>	
	ITEM	SOURCE	LAND	BLDG	CKT EQPT.	TOTAL INVEST	
1	TOTAL UNIT INVESTMENT	WP 6.1, PG 2 LINE 10	\$4.72	\$84.94	<b>\$</b> 662.69	\$752.35	
2	DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.00	\$1.85	\$37.57	\$39.43	
3	COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	\$0.53	\$7.08	\$35.32	\$42.94	
4	INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.25	\$3.39	\$16.90	\$20.54	
5	MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	\$0.16	\$2.92	\$35.52	\$38.60	
6	ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.18	\$3.30	\$25.78	\$29.27	
7	OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.04	\$0.69	\$5.37	<u>\$6.09</u>	
8	ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$1.17	\$19.24	\$156.46	\$176.87	
9	WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0, PG 1, LINE 26H	\$0.18	\$2.99	\$24.33	\$27.50	

#### PHYSICAL COLLOCATION Verizon - Virginia FCC NO. 1

#### DC POWER - GREATER THAN 60 AMPS

Microprocessor Plant (BUSS BAR)   Microprocessor Plant (BUSS BAR)   AMP   Engineering   5,000   2,500   2,500   2,500   3,00		Ā	B	Ç	D	E	E
Microprocessor Plant (BUSS BAR)	LINE NO.			_	_	_	RURAL
AMP		<del></del>		<u></u>		***************************************	11411414
Statewide Unit Investment Per AMP			Essinastina	5 000	2 600	2 600	600
Unit Investment Per AMP   Statewide Wispiting   WP 80, Col H, Lins 27-30   0.1472   0.5137   0.3228   0.0							\$18,349
Statewide Weighting	_						\$30.58
Statewide Unit Investment Per AMP							0.0162
Rectifiers   Quantity   Engineering   6   6   6   6   6   6   6   6   6	5						\$0.50
Figure   F	J	Statewing Office and State of Page	\$0.50	\$0.00	94.72	42.50	<b>40</b> .50
AMPS per unit	-		F!	•		•	•
B			• •				7 50
9							350
Material   Engineering   \$55,502   \$42,046   \$42,046   \$15   \$15   \$12   \$14   \$15   \$14   \$15   \$14   \$15							85.71%
Total Investment   (L10 / L9)   \$66,802   \$30,455   \$30,455   \$31,155   \$32,155   \$42,05	-						\$15,900
12							\$18,550
Statewide Weighting   WP 8 0. Col H, Lns 27-30   0.1472   0.5137   0.3228   0.1472   0.5137   0.3228   0.1472   0.5137   0.3228   0.1472   0.5137   0.3228   0.1472   0.5137   0.3228   0.1472   0.5137   0.3228   0.1472							\$53.00
Batteries   Strings							0.0162
Strings	14						\$0.86
Strings		Dawa-sa-					
Figure   F	15		Engineering	2	2	2	2
Total Investment   Engineering   S80,952   S34,965   S	_	•		-	-	-	310
Total Investment   Engineering   \$80,952   \$34,965   \$34,965   \$32,926   \$37,60   \$37,70   \$38,70   \$38,30   \$38,000   \$38,0							620
19							\$23,310
Statewide Weighting   WP 8 0, Col H, Lns 27-30   0.1472   0.5137   0.3228   0.000							\$37.60
Statewide Unit Investment Per AMP   \$37.83   \$5.77   \$19.31   \$12.14   \$30	20						0.0162
AMP per Breaker	21						\$0.61
AMP per Breaker		Automotic Brooker					
Total Investment	22		Engineerine	1.600	1 200	900	400
Unit Investment Per AMP   (L23 / L22)   \$31.25   \$33.33   \$43.75   \$55							\$20,000
Statewide Weighting   WP 8.0. Col H, Lns 27-30   0.1472   0.5137   0.3228   0.00							\$50.00
Power Distribution Service Cabinet		•					0.0162
Power Distribution Service Cabinet   27							\$0.81
27		Statewide Official Vescrient Fer Agri	\$00.00	<b>94.00</b>	<b>\$17.12</b>	J ( - 12	<b>4</b> 0.01
Material							
29							400
Statewide Weighting   WP 8 0. Col H. Lns 27-30   0.1472   0.5137   0.3228   0.00							\$3,467
Statewide Unit Investment Per AMP   \$11.01   \$1.29   \$5.00   \$4.58   \$0							\$8.67
Emergency engine/turbine (auto start)   32		Statewide Weighting		0.14/2			0.0162
32         AMP Capacity         Engineering         2,605         1,736         1,111         4           33         Utilization         Engineering         70%         70%         70%         7           34         Utilized AMPS         (L32 * L33)         1,824         1,215         778         3           35         Emerg Engine Invest.         Engineering         \$130,765         \$78,249         \$53,871         \$41           36         Conduit/Emer Lights         Engineering         \$45,629         \$30,487         \$23,332         \$11           37         Total Investment         (L35 + L36)         \$176,394         \$108,736         \$77,203         \$53           38         Unit Investment Per AMP         (L37 / L34)         \$96,73         \$89,48         \$99,27         \$17           39         Statewide Weighting         WP 8.0. Col H. Lns 27-30         0.1472         0.5137         0.3228         0.0           40         Statewide Unit Investment Per AMP         \$95.11         \$14.24         \$45.97         \$32.04         \$2           Power Plant Distribution Bay           41         AMP Capacity         Engineering         2.600         1,200         1.200         1.200 <td>31</td> <td>Statewide Unit Investment Per AMP</td> <td>\$11.01</td> <td>\$1.29</td> <td>\$5.00</td> <td>\$4.58</td> <td>\$0.14</td>	31	Statewide Unit Investment Per AMP	\$11.01	\$1.29	\$5.00	\$4.58	\$0.14
133							
34         Utilized AMPS         (L32 * L33)         1,824         1,215         778         33           35         Emerg Engine Invest.         Engineering         \$130,765         \$78,249         \$53,871         \$41           36         Conduit/Emer Lights         Engineering         \$45,629         \$30,487         \$23,332         \$11           37         Total Investment         (L35 + L36)         \$176,394         \$108,736         \$77,203         \$53           38         Unit Investment Per AMP         (L37 / L34)         \$96,73         \$89,48         \$99,27         \$17           39         Statewide Weighting         WP 8 0. Col H. Lns 27-30         0.1472         0.5137         0.3228         0.0           40         Statewide Unit Investment Per AMP         \$95,11         \$14,24         \$45,97         \$32,04         \$2           Power Plant Distribution Bay           41         AMP Capacity         Engineering         2,600         1,200         1,200         1,200	32	AMP Capacity	Engineering	2,605	1,736	1,111	434
Statewide Unit Investment Per AMP   S95 11   S14 24   S45 97   S32 04   S28 04   S45 97   S45 04   S45 97   S46 04 04   S45 97   S46 04 04 04 04 04 04 04 04 04 04 04 04 04		Utilization	Engineering	70%	70%	70%	70%
36         Conduit/Emer Lights         Engineering         \$45,629         \$30,487         \$23,332         \$11           37         Total Investment         (L35 + L36)         \$176,394         \$108,736         \$77,203         \$53           38         Unit Investment Per AMP         (L37 / L34)         \$96.73         \$89.48         \$99.27         \$17           39         Statewide Weighting         WP 8.0. Col H. Lns 27-30         0.1472         0.5137         0.3228         0.0           40         Statewide Unit Investment Per AMP         \$95.11         \$14.24         \$45.97         \$32.04         \$2           Power Plant Distribution Bay           41         AMP Capacity         Engineering         2.600         1,200         1.200         3		Utilized AMPS	(L32 * L33)				304
37         Total Investment         (L35 + L36)         \$176,394         \$108,736         \$77,203         \$53           38         Unit Investment Per AMP         (L37 / L34)         \$96,73         \$89,48         \$99,27         \$17           39         Statewide Weighting         WP 8 0. Col H. Lns 27-30         0.1472         0.5137         0.3228         0.0           40         Statewide Unit Investment Per AMP         \$95,11         \$14,24         \$45,97         \$32,04         \$2           Power Plant Distribution Bay           41         AMP Capacity         Engineering         2,600         1,200         1,200         3							\$41,874
38 Unit Investment Per AMP (137 / L34) \$96,73 \$89,48 \$99,27 \$17 39 Statewide Weighting WP 8 0. Col H. Lns 27-30 0.1472 0.5137 0.3228 0.0 40 Statewide Unit Investment Per AMP \$95,11 \$14,24 \$45,97 \$32,04 \$2  Power Plant Distribution Bay 41 AMP Capacity Engineering 2,600 1,200 1,200 3		· · ·					\$11,810
39 <u>Statewide Weighting</u> WP 8 0. Col H. Lns 27-30 0.1472 0.5137 0.3228 0.0 40 Statewide Unit Investment Per AMP \$95.11 \$14.24 \$45.97 \$32.04 \$2  Power Plant Distribution Bay 41 AMP Capacity Engineering 2.600 1,200 1.200 3							\$53,684
40 Statewide Unit Investment Per AMP \$95.11 \$14.24 \$45.97 \$32.04 \$2  Power Plant Distribution Bay 41 AMP Capacity Engineering 2.600 1,200 1.200 3							\$176 71
Power Plant Distribution Bay         Engineering         2,600         1,200         1,200         3	39	Statewide Weighting	WP 8 0, Col H, Ens 27-30	0.1472	0.5137	0 3228	0 0162
41 AMP Capacity Engineering 2.600 1,200 1 200 3	40	Statewide Unit Investment Per AMP	\$95 11	\$14.24	<b>\$45</b> .97	\$32 04	\$2.86
41 AMP Capacity Engineering 2.600 1,200 1 200 3		Power Plant Distribution Bay					
	41		Engineerina	2.600	1,200	1 200	300
42 Material Engineering \$12,747 \$10,388 \$1 0.388 \$4	42	Material	5 5		\$10.388		\$4 993
							\$16.64
	44						0 0162
45	45	Statewide Unit investment Per AMP					\$0.27
				*	*	¥=	74.27

Total Unit Investment - (Greater than 60

AMPs) -Sum Lines
(5C+14C+21C+26C+31C+40C + 45C)

\$237 93

#### PHYSICAL COLLOCATION Verizon - West Virginia FCC - 1

	<u>A</u>	₿	<u>c</u>	D	Ē	<u>F</u>
	ITEM	SOURCE	LAND	BLDG	SWITCH EQPT.	TOTAL INVEST
1	TOTAL POWER PLANT UNIT INVESTMENT	WP 7.0, PG 3, LINE 10	-	-	\$266.74	\$266.74
2	EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24	-	-	2.7852	2.7852
3	INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	\$742.92	\$742.92
4	UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5	TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	\$742.92	\$742.92
6	LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 221	0.0103	-	-	0.0103
7	BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23I	-	0.2190	-	0.2190
8	LAND INVESTMENT	LINE 5E x LINE 6C	\$7.62			\$7.62
9	BUILDING INVESTMENT	LINE 5E x LINE 7D	-	\$162.68	-	\$162.68
10	TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	\$7.62	\$162.68	\$742.92	\$913.22
11	WEIGHTED UNIT INVESTMENT	LINE 10 x WP 8.0, PG 1, LINE 261	\$0.29	\$6.15	\$28.10	\$34.54

#### PHYSICAL COLLOCATION Verizon - West Virginia FCC - 1

	<b>A</b>	<u>A</u> <u>B</u> <u>C</u> <u>D</u>		D	E	<u>F</u>	
	ITEM	SOURCE	LAND	BLDG	CKT EQPT.	TOTAL INVEST	
1	TOTAL UNIT INVESTMENT	WP 7.0, PG 2 LINE 10	\$7.62	\$162.68	\$742.92	\$913.22	
2	DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.00	\$3.82	\$46.66	\$50.48	
3	COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	\$0.86	\$13.42	\$38.41	\$52.69	
4	INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.45	\$6.96	<b>\$19.91</b>	\$27.32	
5	MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	\$0.22	\$4.70	\$49.33	\$54.25	
6	ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.29	<b>\$</b> 6.10	\$27.86	\$34.25	
7	OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.08	\$1.74	<b>\$</b> 7. <b>9</b> 5	<b>\$</b> 9.77	
8	ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$1.89	<b>\$36.75</b>	\$190.11	\$228.76	
9	WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0, PG 1, LINE 261	\$0.07	\$1.39	\$7.19	\$8.65	

#### PHYSICAL COLLOCATION Verizon - West Virginia FCC NO. 1

	<u></u>	B	<u>c</u>	<u>D</u>	E
LINE NO.	<u>ITEM</u>	SOURCE	URBAN	SUBURBAN	RURAL
	Microprocessor Plant (BUSS BAR)				
1	AMP	Engineering	2,600	2,600	600
2	Material	Engineering	\$23,879	\$23,879	\$18,349
3	Unit Investment Per AMP	(L2 / L1)	\$9.18	\$9.18	\$30.58
4	Statewide Weighting	WP 8.0, Col I, Lns 27-30	0.2857	0.5238	0.1905
5	Statewide Unit Investment Per AMP	<b>\$</b> 13.26	\$2.62	<b>\$4</b> .81	\$5.83
	Rectifiers				
6	Quantity	Engineering	6	6	7
7	AMPS per unit	Engineering	200	200	50
8	Tot. AMPS	( L6 * L7)	1,200	1,200	350
9	Utilization	(L6-1) / L6)	83.33%	83.33%	85.71%
10	Material	Engineering	\$42,046	\$42,046	\$15,900
11	Total Investment	(L10 / L9)	\$50,455	\$50,455	\$18,550
12	Unit Investment Per AMP	(L11 / L8)	\$42.05	\$42.05	\$53.00
13	Statewide Weighting	WP 8.0, Col I, Lns 27-30	0.2857	0.5238	0.1905
14	Statewide Unit Investment Per AMP	\$44.13	\$12.01	\$22.02	\$10.10
	<u>Batteries</u>				•
15	Strings	Engineering	3	3	2
16	AMPs per String	Engineering	310	310	310
17	Tot. AMPS	(L15 * L16)	930	930	620
18	Total investment	Engineering	\$34,965	<b>\$3</b> 4,965	\$23,310
19	Unit Investment Per AMP	(L18 / L17)	\$37.60	\$37 60 0.5333	\$37.60
20	Statewide Weighting	WP 8.0, Col I, Lns 27-30	0.2857	0 5238	0.1905
21	Statewide Unit Investment Per AMP	\$37.60	\$10.74	\$19.69	\$7 16
	Automatic Breaker				
22	AMP per Breaker	Engineering	1,200	800	400
23	Total Investment	Engineering	\$40,000	\$35,000	\$20,000
24	Unit Investment Per AMP	(L23 / L22)	\$33.33	\$43 75	\$50.00
25	Statewide Weighting	WP 8.0, Col I, Lns 27-30	0.2857	0.5238	0.1905
26	Statewide Unit Investment Per AMP	<b>\$</b> 41.96	\$9.52	\$22 92	\$9.53
	Power Distribution Service Cabinet				
27	Amps	Engineering	800	400	400
28	Material	Engineering	\$7,788	\$5,677	\$3,467
29	Unit Investment Per AMP	(L28 / L27)	\$9.74	\$14 19	\$8 67
30	Statewide Weighting	WP 8.0, Col I, Lns 27-30	0.2857	0.5238	0.1905
31	Statewide Unit Investment Per AMP	\$11.87	\$2.78	\$7.43	\$1 65
	Emergency engine/turbine (auto start)				
32	AMP Capacity	Engineering	1.736	1,111	434
33	Utilization	Engineering	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	1,215	778	304
35	Emerg. Engine Invest.	Engineering	\$78,249	<b>\$</b> 53,871	\$41,874
36	Conduit/Emer Lights	Engineering	\$30.487	<b>\$2</b> 3,332	\$11,810
37	Total Investment	(L35 + L36)	\$108,736	\$77,203	\$53,684
38	Unit investment Per AMP	(L37 / L34)	\$89 48	\$99.27	\$176.71
39	Statewide Weighting	WP 8.0. Col I, Lns 27-30	0.2857	0 5238	0 1905
40	Statewide Unit Investment Per AMP	\$111.23	\$25 56	\$52 00	\$33 66
	Battery Distribution Fuse Bay				
41		Engineering	900	800	000
42	AMP Capacity Material	Engineering	800 45.355	800 \$5,355	800 \$5.355
43	Unit Investment Per AMP	Engineering (L42 / L41)	\$5,355 \$6.60		\$5,355 \$6,69
44	Statewide Weighting	(L427 L41) WP 8 0. Col I. Lns 27-30	\$6 69 0 2857	\$6 69 0 5239	\$6 69 0 1006
45	Statewide Unit Investment Per AMP	\$6.69	0.2857 \$1.91	<u>0 5238</u> \$3 51	<u>0 1905</u> \$1 28
				·	2.20
40	Total Unit Investment - (Less than or				
46	Equal to 60 AMP's) - Sum Lines	\$266.74			
	(5C+14C+21C+26C+31C+40C+45C)				

#### PHYSICAL COLLOCATION Verizon - West Virginia FCC - 1

	<u>A</u>	<u>B</u>	<u>c</u>	D	Ē	<u>E</u>
	ITEM	SOURCE	LAND	BLDG	SWITCH EQPT.	TOTAL INVEST
1	TOTAL POWER PLANT UNIT INVESTMENT	WP 7.1, PG 3, LINE 10	-	-	\$270.22	\$270.22
2	EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 241	-	-	2.7852	2.7852
3	INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	<del>-</del>	<b>\$752.63</b>	\$752.63
4	UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5	TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	<b>\$</b> 752.63	\$752.63
6	LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22I	0.0103	-	-	0.0103
7	BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23I	-	0.2190	•	0.2190
8	LAND INVESTMENT	LINE 5E x LINE 6C	\$7.72		-	\$7.72
9	BUILDING INVESTMENT	LINE 5E x LINE 7D	-	\$164.80		\$164.80
10	TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	\$7.72	\$164.80	\$752.63	\$925.15
11	WEIGHTED UNIT INVESTMENT	LINE 10 x WP 8.0, PG 1, LINE 261	\$0.29	\$6.23	\$28.46	\$34.99

#### PHYSICAL COLLOCATION Verizon - West Virginia FCC - 1

	<u>A</u>	<u>B</u>	<u>c</u> <u>d</u>		<u>E</u>	<u>F</u>	
	ITEM	SOURCE	LAND	BLDG	CKT EQPT.	TOTAL INVEST	
1	TOTAL UNIT INVESTMENT	WP 7.1, PG 2 LINE 10	\$7.72	\$164.80	\$752.63	<b>\$925.15</b>	
2	DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.00	\$3.87	\$47.27	\$51.14	
3	COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	\$0.87	\$13.60	\$38.91	\$53.38	
4	INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.45	\$7.05	\$20.17	\$27.68	
5	MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	\$0.22	\$4.76	\$49.97	\$54.96	
6	ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.29	<b>\$</b> 6.18	\$28.22	\$34.69	
7	OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.08	\$1.76	\$8.05	<b>\$</b> 9.90	
8	ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$1.92	\$37.23	\$192.60	<b>\$231.75</b>	
9	WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0, PG 1, LINE 26I	\$0.07	\$1.41	\$7.28	\$8.76	

#### PHYSICAL COLLOCATION Verizon - West Virginia FCC NO. 1

#### DC POWER - GREATER THAN 60 AMPS

٨	₽	<u>c</u>	D	E	F
LINE NO.	!TEM	SOURCE	URBAN	SUBURBAN	RURAL
	Microprocessor Plant (BUSS BAR)				
1	AMP	Engineering	2,600	2,600	600
2	Material	Engineering	\$23,879	\$23,879	\$18,349
3	Unit Investment Per AMP	(L2 / L1)	\$9.18	\$9.18	\$30.58
4	Statewide Weighting	WP 8.0, Col I, Lns 27-30	0.2857	0.5238	0.1905
5	Statewide Unit Investment Per AMP	\$13.26	\$2.62	\$4.81	\$5.83
	Rectifiers				
6	Quantity	Engineering	6	6	7
7	AMPS per unit	Engineering	200	200	50
8	Tot. AMPS	( L6 ° L7)	1,200	1,200	350
9	Utilization	(L6-1) / L6)	83.33%	83.33%	85.71%
10	Material	<b>Enginee</b> ring	\$42,046	\$42,046	\$15,900
11	Total Investment	(L10 / L9)	\$50,455	\$50,455	\$18,550
12	Unit Investment Per AMP	(L11/L8)	\$42.05	\$42.05	\$53.00
13	Statewide Weighting	WP 8.0, Col I, Lns 27-30	0.2857	0.5238	0.1905
14	Statewide Unit Investment Per AMP	<b>\$44</b> .13	\$12.01	\$22.02	\$10.10
	<b>Batteries</b>				
15	Strings	Engineering	3	3	2
16	AMPs per String	Engineering	310	310	310
17	Tot. AMPS	(L15 * L16)	930	930	620
18	Total Investment	Engineering	\$34,965	\$34,965	\$23,310
19 20	Unit Investment Per AMP	(L18 / L17)	\$37.60	\$37.60	\$37.60
21	Statewide Weighting Statewide Unit Investment Per AMP	WP 8.0, Col I, Lns 27-30 \$37.60	<u>0.2857</u> \$10.74	<u>0 5238</u> \$19.69	0.1905 \$7.16
	Automatic Breaker	_			
22	AMP per Breaker	Engineering	1,200	800	400
23 24	Total Investment	Engineering	\$40,000	\$35,000	\$20,000
24 25	Unit Investment Per AMP	(L23 / L22)	\$33.33	\$43.75 0.5000	\$50.00
25 26	Statewide Weighting Statewide Unit Investment Per AMP	WP 8.0, Col I, Lns 27-30 \$41,96	0.2857	0.5238	0.1905
20	Statewice Unit Investment Per AMP	\$41.90	\$9.52	\$22.92	\$9.53
	Power Distribution Service Cabinet				
27	Amps	Engineering	800	400	400
28	Material	Engineering	\$7,788	\$5,677	\$3,467
29	Unit Investment Per AMP	(L28 / L27)	\$9 74	\$14.19	\$8.67
30	Statewide Weighting	WP 8.0, Col I. Lns 27-30	0 2857	0.5238	0 1905
31	Statewide Unit Investment Per AMP	\$11.87	\$2 78	\$7.43	\$1 65
	Emergency engine/turbine (auto start)				
32	AMP Capacity	Engineering	1 736	1,111	434
33	Utilization	Engineering	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	1,215	778	304
35	Emerg. Engine Invest.	Engineering	\$78,249	\$53,871	\$41.874
36	Conduit/Emer Lights	Engineering	\$30.487	\$23.332	\$11,810
37	Total Investment	(L35 + L36)	\$108,736	\$77,203	\$53,684
38	Unit Investment Per AMP	(L37 / L34)	\$89 48	\$99.27	\$176.71
39	Statewide Weighting	WP 8 0. Col I, Lns 27-30	0.2857	<u>0 5238</u>	0 1905
40	Statewide Unit Investment Per AMP	\$111.23	\$25 56	\$52.00	\$33 66
	Power Plant Distribution Bay				
41	AMP Capacity	Engineering	1,200	1.200	300
42	Material	Engineering	\$10,388	\$10,388	<b>\$</b> 4 993
43	Unit Investment Per AMP	(L42 / L41)	\$8.66	\$8 66	\$16.64
44	Statewide Weighting	WP 8 0. Col I Lns 27-30	0 2857	0.5238	0 1905
45	Statewide Unit Investment Per AMP	\$10.18	\$2.47	\$4.53	\$3.17

\$270.22

Total Unit Investment - (Greater than 60 <u>AMPs) -Sum Lines</u> (5C+14C+21C+26C+31C+40C + 45C)

46

#### **FACTORS**

	A	<u>B</u>	<u>c</u>	D	Ē	<u>F</u>	<u>G</u>	Ħ	!
LINE NO	) ITEM	SOURCE	DC DATA	DE DATA	MD Data	NJ DATA	PA DATA	VA DATA	WV DATA
LINE NO	IIEM	SOURCE	PAIA	PAIA	DATA	DATA	DATA	DATA	DAIA
	ANNUAL COST FACTOR								
	- Digital Switch - Power (2212.00)								
1	DEPRECIATION	SERVICE COSTS	0.0622	0.0621	0.0627	0.0569	0.0628	0.0567	0.0628
2	COST OF MONEY	SERVICE COSTS	0.0518	0.0521	0.0523	0.0525	0.0514	0.0533	0.0517
3	INCOME TAX	SERVICE COSTS	0 0274	0.0268	0.0257	0.0272	0.0274	0.0255	0.0268
4	MAINTENANCE	SERVICE COSTS	0 0654	0.0712	0.0501	0.0601	0.0573	0.0536	0.0664
5	ADMINISTRATION	SERVICE COSTS	0 0623	0.0291	0.0429	0.0432	0.0399	0.0389	0.0375
6	OTHER TAX	SERVICE COSTS	0.0031	0.0062	0.0175	0.0124	0.0020	0.0081	0.0107
7	TOTAL- Digital Switch ACF	SUM (LINES 1 THRU LINE 6)	0.2722	0.2475	0.2512	0.2523	0.2408	0.2361	0.2559
8	- Land DEPRECIATION	SERVICE COSTS	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9	COST OF MONEY	SERVICE COSTS	0.0000	0.1129	0.1128	0.1131	0.1130	0.1128	0.1129
10	INCOME TAX	SERVICE COSTS	0.0598	0.0581	0.0554	0.0587	0.0602	0.0539	0.0586
11	MAINTENANCE	SERVICE COSTS	0.0091	0.0267	0.0354	0.0258	0.0284	0.0344	0.0289
12	ADMINISTRATION	SERVICE COSTS	0.0623	0.0291	0.0429	0.0432	0.0399	0.0389	0.0375
13	OTHER TAX	SERVICE COSTS	0.0023	0.0192	0.0175	0.0124	0.0471	0.0081	0.0107
14	TOTAL- Land ACF	SUM (LINES B THRU LINE 13)	0.2720	0.2460	0.2543	0.2532	0.2886	0.2481	0.2486
	TO THE EATH HO!	SOM (EMES S THIS EME 10)	0.27.20	0.2400	4.20-10	0.2002	0.2000	0.5.0.	0.2.00
	- Building								
15	DEPRECIATION	SERVICE COSTS	0.0165	0.0214	0.0220	0 0217	0.0205	0.0218	0.0235
16	COST OF MONEY	SERVICE COSTS	0.0860	0.0834	0.0834	0.0833	0.0836	0.0834	0.0825
17	INCOME TAX	SERVICE COSTS	0.0454	0.0429	0.0410	0.0432	0.0445	0.0399	0.0428
18	MAINTENANCE	SERVICE COSTS	0.0091	0.0267	0.0257	0.0258	0.0284	0.0344	0.0289
19	ADMINISTRATION	SERVICE COSTS	0.0623	0.0291	0.0429	0.0432	0.0399	0.0389	0.0375
20	OTHER TAX	SERVICE COSTS	0.0277	0.0192	0.0175	0.0124	0.0471	0.0081	0.0107
21	TOTAL- Building ACF	SUM (LINES 15 THRU LINE 20)	0.2470	0.2227	0.2325	0.2296	0.2640	0.2265	0.2259
	OTHER FACTORS:		DC	DE	MD	LИ	PA	VA	wv
22	LAND INVESTMENT FACTOR	SERVICE COSTS	0.009166	0.009389	0.007799	0.010591	0.008057	0.007117	0.010255
23	BUILDING INVESTMENT FACTOR	SERVICE COSTS	0.152269	0.199439	0.146989	0.168726	0.175710	0.128173	0.218968
24	POWER INSTALL & ENGR.	SERVICE COSTS	2.7852	2.7852	2.7852	2.7852	2.7852	2.7852	2.7852
	FACTOR FRC (377C)								
25	OVERHEAD LOADING FACTOR	REGULATORY	1.23	1.23	1.23	1.23	1.23	1.23	1.23
26	BA-SOUTH NAL WEIGHTING FACTOR	SERVICE COSTS	0.03644	0.02566	0.16245	0.29196	0.29019	0.15549	0.03782
27	METRO POWER ZONE WEIGHTING	ENGINEERING	0.5286	0.3043	0.1546	0.2770	0.1703	0.1472	0.0000
28	URBAN POWER ZONE WEIGHTING	ENGINEERING	0.4537	0.3652	0.1340	0.5763	0.7753	0.5137	0.2857
29	SUBURBAN POWER ZONE WEIGHTING		0.4337	0.2435	0.1741	0.1329	0.1919	0.3228	0.5238
30	RURAL POWER ZONE WEIGHTING	ENGINEERING	0.0000	0.2433	0.1741	0.0138	0.0427	0.0162	0.1905
31	TOTAL WEIGHTING	CHOMEERMO	0.9999	1.0000	1.0000	1,0000	1.0000	0.9999	1.0000
J1	TO THE MEIGHT HITO		0.5355	1.0000	1.0000	1.0000	1,0000	0.000	

				7						
	<u>A</u>	<u>B</u>	Ē	ō	Ē	E	Ģ	Ħ	ı	ñ
	ITEM	SOURCE	BA-DC	BA-DE	BA-MD	BA-NJ	BA-PA	BA-VA	BA-WV	BA-SOUTH
1	TOTAL UNIT INVESTMENT	COST STUDY	\$26.17	\$20.92	\$127.45	\$220.39	\$226.26	\$116.23	<b>\$34</b> .54	\$771.96
2	DEPRECIATION	COST STUDY	\$1,46	\$1.15	\$7.28	\$11.32	\$12.69	\$6.09	\$1.91	\$41.89
3	COST OF MONEY	COST STUDY	\$1.49	\$1.21	\$7.22	\$12.66	\$12.81	\$6.63	\$1.99	\$44.01
4	INCOME TAX	COST STUDY	\$0.79	\$0.62	\$3.55	\$6.56	\$6.82	\$3.17	\$1.03	\$22.55
5	MAINTENANCE	COST STUDY	\$1.51	\$1.33	\$5.97	\$12.10	\$11.95	\$5.96	\$2.05	\$40.87
€	ADMINISTRATION	COST STUDY	\$1.63	\$0.61	\$5.47	\$9.52	\$9.03	\$4.52	\$1.30	\$32.07
7	OTHER TAX	COST STUDY	\$0.17	\$0.18	\$2.23	\$2.73	\$2.04	\$0.94	<b>\$</b> 0.37	\$8.66
8	ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$7.04	\$5.09	\$31.72	\$54.89	\$55.34	\$27.32	\$8.65	\$190.05
9	MONTHLY COST	LINE 8 / 12	\$0.59	\$0.42	\$2.64	\$4.57	\$4.61	\$2.28	\$0.72	\$15.84
11	O OVERHEAD LOADING FACTOR	REGULATORY	1.2300	1.2300	1.2300	1.2300	1.2300	1.2300	1.2300	1.2300
1	1 MONTHLY RATE	LINE 9 x LINE 10	\$0.72	\$0.52	\$3.25	\$5.63	\$5.67	\$2.80	\$0.89	\$19.48
1;	DIRECT COST TO RATE	LINE 9 / LINE 11	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81

### 13-Mar-01 DC POWER - GREATER THAN 60 AMPS

			- WEIGHTED -							-
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	ITEM	SOURCE	BA-DC	BA-DE	BA-MD	BA-NJ	BA-PA	BA-VA	BA-WV	BA-SQUTH
1	TOTAL UNIT INVESTMENT	COST STUDY	\$26.17	\$21.05	\$128.59	\$221.38	\$227.86	\$116.98	\$34.99	<b>\$</b> 777.01
2	DEPRECIATION	COST STUDY	\$1.46	\$1.16	\$7.34	\$11.37	\$12.78	\$6.13	\$1.93	\$42.17
3	COST OF MONEY	COST STUDY	\$1.49	\$1.22	\$7.29	\$12.72	\$12.90	\$6.68	\$2.02	\$44.30
4	INCOME TAX	COST STUDY	\$0.79	\$0.63	\$3.58	\$6.59	\$6.87	\$3.19	\$1.05	\$22.70
5	MAINTENANCE	COST STUDY	\$1.51	\$1.34	\$6.02	\$12.15	\$12.03	\$6.00	\$2.08	\$41.13
6	ADMINISTRATION	COST STUDY	\$1.63	\$0.61	\$5.52	\$9.56	\$9.09	\$4.55	\$1.31	\$32.28
7	OTHER TAX	COST STUDY	\$0.17	\$0.18	\$2.25	\$2.75	\$2.05	\$0.95	\$0.37	\$8.72
8	ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$7.04	\$5.12	\$32.00	<b>\$</b> 55.14	\$55.73	\$27.50	\$8.76	\$191.29
9	MONTHLY COST	LINE 8 / 12	\$0.59	\$0.43	\$2.67	\$4.59	\$4.64	\$2.29	<b>\$</b> 0.73	\$15.94
10	OVERHEAD LOADING FACTOR	REGULATORY	1.2300	1.2300	1.2300	1.2300	1.2300	1.2300	1.2300	1.2300
1	MONTHLY RATE	LINE 9 x LINE 10	\$0.72	\$0.53	\$3.28	<b>\$</b> 5.65	\$5.71	\$2.82	\$0.90	\$19.61
12	DIRECT COST TO RATE	LINE 9 / LINE 11	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81

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				COST OF	INCOME			OTHER	
LINE NO.	ITEM	SOURCE	DEPRECIATION	CAPITAL	TAX	MAINT.	ADMIN.	TAXES	TOTAL
1	WASHINGTON, DC	WP 1.0, PG 1, LINES 2 THRU 7	\$40.01	\$40.77	\$21.56	\$41.35	\$44.74	\$4.68	\$193.10
2	BA-SOUTH WEIGHTING	WP 8.0, PG 1, LINE 26C	0.03644	0.03644	0.03644	0.03644	0.03644	0.03644	0.2186
3	BA-DC WEIGHTED COST	LINE 1 X LINE 2	\$1.46	\$1.49	\$0.79	\$1.51	\$1.63	\$0.17	\$7.04
4	DELAWARE	WP 2.0, PG 1, LINES 2 THRU 7	\$44.75	\$47.06	\$24.21	<b>\$</b> 51. <b>7</b> 7	\$23.72	\$6.88	\$198.40
5	BA-SOUTH WEIGHTING	WP 8.0, PG 1, LINE 26D	0.02566	0.02566	0.02566	0.02566	0.02566	0.02566	0.1540
6	BA-DE WEIGHTED COST	LINE 4 X LINE 5	\$1.15	\$1.21	\$0.62	\$1.33	\$0.61	\$0.18	\$5.09
7	MARYLAND	WP 3.0, PG 1, LINES 2 THRU 7	\$44.80	\$44.48	\$21.85	\$36.74	\$33.66	\$13.73	\$195.23
8	BA-SOUTH WEIGHTING	WP 8.0, PG 1, LINE 26E	0.16245	0.16245	0.16245	0.16245	0.16245	0.16245	0.9747
9	BA-MD WEIGHTED COST	LINE 7 X LINE 8	\$7.28	\$7.22	<b>\$3</b> .55	\$5.97	\$5.47	\$2.23	\$31.72
10	NEW JERSEY	WP 4.0, PG 1, LINES 2 THRU 7	\$38.76	\$43.37	\$22.47	\$41.43	\$32.61	\$9.36	\$188.01
11	BA-SOUTH WEIGHTING	WP 8.0, PG 1, LINE 26F	0.29196	0.29196	0.29196	0.29196	0.29196	0.29196	<u>1.7518</u>
12	BA-NJ WEIGHTED COST	LINE 10 X LINE 11	\$11.32	\$12.66	<b>\$6</b> .56	\$12.10	\$9.52	\$2.73	\$54.89
13	PENNSYLVANIA	WP 5.0, PG 1, LINES 2 THRU 7	\$43.74	\$44.13	\$23.52	\$41.18	\$31.11	\$7.02	\$190.69
14	BA-SOUTH WEIGHTING	WP 8.0, PG 1, LINE 26G	0.29019	0.29019	0.29019	0.29019	0.29019	0.29019	1.7411
15	BA-PA WEIGHTED COST	LINE 13 X LINE 14	\$12.69	\$12.81	\$6.82	\$11.95	\$9.03	\$2.04	\$55.34
16	VIRGINIA	WP 6.0, PG 1, LINES 2 THRU 7	\$39.17	\$42.66	\$20.41	\$38.35	\$29.08	\$6.05	\$175.73
17	BA-SOUTH WEIGHTING	WP 8.0, PG 1, LINE 26H	<u>0.15549</u>	0.15549	0.15549	0.15549	0.15549	0.15549	0.9329
18	BA-VA WEIGHTED COST	LINE 10 X LINE 11	\$6.09	\$6.63	\$3.17	\$5.96	\$4.52	\$0.94	\$27.32
19	WEST VIRGINIA	WP 7.0, PG 1, LINES 2 THRU 7	\$50.48	\$52.69	\$27.32	\$54.25	\$34.25	\$9.77	\$228.76
20	BA-SOUTH WEIGHTING	WP 8.0, PG 1, LINE 261	0.03782	0.03782	0.03782	0.03782	0.03782	0.03782	0.2269
21	BA-WW WEIGHTED COST	LINE 13 X LINE 14	\$1.91	\$1.99	\$1.03	\$2.05	\$1.30	\$0.37	\$8.65

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				COST OF	INCOME			OTHER	
LINE NO.	ITEM	SOURCE	DEPRECIATION	CAPITAL	TAX	MAINT.	ADMIN.	TAXES	TOTAL
1	WASHINGTON, DC	WP 1.1, PG 1, LINES 2 THRU 7	\$40.01	\$40.76	\$21.55	\$41.34	\$44.74	\$4.68	\$193.09
2	BA-SOUTH WEIGHTING	WP 8.0, PG 1, LINE 26C	0.03644	0.03644	0.03644	0.03644	0.03644	0.03644	0.21864
3	BA-DC WEIGHTED COST	LINE 1 X LINE 2	\$1.46	\$1,49	\$0.79	\$1.51	\$1.63	\$0.17	\$7.04
4	DELAWARE	WP 2.1, PG 1, LINES 2 THRU 7	<b>\$45</b> .03	\$47.36	\$24,36	<b>\$52.10</b>	\$23.87	\$6.93	\$199.64
5	BA-SOUTH WEIGHTING	WP 8.0, PG 1, LINE 26D	0.02566	0.02566	0.02566	0.02566	0.02566	0.02566	0.1540
6	BA-DE WEIGHTED COST	LINE 4 X LINE 5	\$1.16	\$1.22	\$0.63	\$1.34	\$0.61	\$0.18	\$5.12
7	MARYLAND	WP 3.1, PG 1, LINES 2 THRU 7	\$45.20	\$44.86	\$22.04	\$37.07	\$33.96	\$13.85	\$196.97
8	BA-SOUTH WEIGHTING	WP 8.0, PG 1, LINE 26E	0.16245	0.16245	0.16245	0.16245	0.16245	0.16245	0.9747
9	BA-MD WEIGHTED COST	LINE 7 X LINE 8	\$7.34	\$7.29	\$3.58	\$6.02	\$5.52	\$2.25	\$32.00
10	NEW JERSEY	WP 4.1, PG 1, LINES 2 THRU 7	\$38.94	\$43.56	\$22.58	\$41.62	\$32.76	\$9.40	\$188.85
11	BA-SOUTH WEIGHTING	WP 8.0, PG 1, LINE 26F	0.29196	0.29196	0.29196	<u>0.29196</u>	0.29196	0.29196	<u>1.7518</u>
12	BA-NJ WEIGHTED COST	LINE 10 X LINE 11	\$11.37	\$12.72	\$6.59	\$12.15	\$9.56	\$2.75	\$55.14
13	PENNSYLVANIA	WP 5.1, PG 1, LINES 2 THRU 7	\$44.04	\$44.44	\$23.68	\$41.47	\$31.33	\$7.07	\$192.03
14	BA-SOUTH WEIGHTING	WP 8.0, PG 1, LINE 26G	0.29019	0.29019	0.29019	0.29019	0.29019	0.29019	1.7411
15	BA-PA WEIGHTED COST	LINE 13 X LINE 14	\$12.78	\$12.90	<b>\$</b> 6.87	\$12.03	\$9.09	\$2.05	\$55.73
16	VIRGINIA	WP 6.1, PG 1, LINES 2 THRU 7	\$39.43	\$42.94	\$20.54	\$38.60	\$29.27	\$6.09	\$176.87
17	BA-SOUTH WEIGHTING	WP 8.0, PG 1, LINE 26H	<u>0.15549</u>	0.15549	0.15549	0.15549	0.15549	0.15549	0.9329
18	BA-VA WEIGHTED COST	LINE 10 X LINE 11	<b>\$</b> 6.13	\$6.68	\$3.19	\$6.00	\$4.55	\$0.95	\$27.50
19	WEST VIRGINIA	WP 7.1, PG 1, LINES 2 THRU 7	<b>\$</b> 51.14	\$53.38	\$27.68	\$54.96	\$34.69	\$9.90	\$231.75
20	BA-SOUTH WEIGHTING	WP 8.0, PG 1, LINE 261	0.03782	0.03782	0.03782	0.03782	0.03782	0.03782	0.2269
21	BA-WV WEIGHTED COST	LINE 13 X LINE 14	\$1.93	\$2.02	\$1.05	\$2.08	\$1.31	\$0.37	\$8.76